

GenCore version 4.5  
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OM protein - protein search, using sw model  
Run on: February 12, 2002, 11:38:03 ; Search time 26.39 Seconds  
(without alignments)  
140.699 Million cell updates/sec

Title: US-09-604-938-1  
Perfect score: 846  
Sequence: 1 APPRLICDSRVLEYLEAK.....SNFLRGKLYTGEACRTGD 165

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 212252 seqs, 22503292 residues  
Total number of hits satisfying chosen parameters: 212252

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000  
Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued Patents AA: \*  
1: /cgn2\_6/ptodata/2/iaa/5A\_COMB.pep.\*  
2: /cgn2\_6/ptodata/2/iaa/5B\_COMB.pep.\*  
3: /cgn2\_6/ptodata/2/iaa/6A\_COMB.pep.\*  
4: /cgn2\_6/ptodata/2/iaa/6B\_COMB.pep.\*  
5: /cgn2\_6/ptodata/2/iaa/PCTUS\_COMB.pep.\*  
6: /cgn2\_6/ptodata/2/iaa/backfiles1.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	846	100.0	166	1	US-08-318-193-70

us-09-604-938-1.ra1

Best Local Similarity 100.0%; Pred. No. 3.9e-100; Mismatches 0; Indels 0; Gaps 0;  
Matches 165; Conservative 0

QY	1	APPRLICDSRVLEYLEAKEAENITTCGAHCSSLNENITVPDVKFYAWKRMEVQQA	60
Db	1	APPRLICDSRVLEYLEAKEAENITTCGAHCSSLNENITVPDVKFYAWKRMEVQQA	60
QY	61	VEVWQGLALLSEAVLRGQALLVNSQPWEPQLHVDKAVSGLSLTLRLALGAQKEAIS	120
Db	61	VEVWQGLALLSEAVLRGQALLVNSQPWEPQLHVDKAVSGLSLTLRLALGAQKEAIS	120
QY	121	PPDAASAAPLRTITADTFKRLFRVYSNFLRGKLYTGEACRTGD	165
Db	121	PPDAASAAPLRTITADTFKRLFRVYSNFLRGKLYTGEACRTGD	165

Query Match 100.0%; Score 846; DB 1; Length 166;

ALIGNMENTS

RESULT 1  
US-08-318-193-70  
; Sequence 70, Application US/08318193  
; Patent No. 5641663  
; GENERAL INFORMATION:  
; APPLICANT: GARVIN, Robert T.  
; APPLICANT: MALEK, Lawrence T.  
; TITLE OF INVENTION: AN EXPRESSION SYSTEM FOR THE SECRETION  
; TITLE OF INVENTION: OF BIOACTIVE HUMAN GRANULOCYTE MACROPHAGE COLONY  
; TITLE OF INVENTION: STIMULATING FACTOR (GM-CSF) AND OTHER HETEROLOGOUS  
; TITLE OF INVENTION: PROTEINS FROM STREPTOMICINS  
; NUMBER OF SEQUENCES: 91  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Foley & Lardner  
; STREET: 1800 Diagonal Road, Suite 500  
; CITY: Alexandria  
; STATE: Virginia  
; COUNTRY: USA  
; ZIP: 22313-0299  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/318,193  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/07/935,314  
; FILING DATE:  
; APPLICATION NUMBER: US 07/224,568  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BENT, Stephen A.  
; REGISTRATION NUMBER: 29,768  
; REFERENCE/DOCKET NUMBER: 18740/116 CACO  
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; TELEFAX: (703)683-4109  
; TELEX: 899149  
; INFORMATION FOR SEQ ID NO: 70:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 166 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-318-193-70